

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---------------------------------|------------------|---------|------------------|
| S1 | 265 | (direct adj market\$5) and optimi\$7 and (layout or arrang\$5 or organi\$7 or format\$5) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/01 10:07 |
| S4 | 624 | ((direct adj market\$5) or (direct adj mail\$5)) and optimi\$7 and (layout or arrang\$5 or organi\$7 or format\$5) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/01 10:08 |
| S5 | 154 | ((direct adj market\$5) or (direct adj mail\$5)) and optimi\$7 same (layout or arrang\$5 or organi\$7 or format\$5) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/01 10:08 |
| S6 | 137 | adverti\$7 same mail\$5 same content same (optim\$7 or personali\$7) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/02 15:10 |
| S7 | 816 | (adverti\$7 or print\$5 or offer\$5) same (mail\$5 or postal) same content same (optim\$7 or personali\$7 or custom\$7) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/02 15:13 |
| S8 | 226 | (adverti\$7 or print\$5 or offer\$5) same (mail\$5 or postal) same content same (optim\$7 or personali\$7 or custom\$7) and @rlad<"20010202" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/14 12:47 |
| S10 | 125 | (catalog\$5 or adverti\$7) same (layout or design or arrang\$5) same predict\$7 | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/14 12:38 |
| S11 | 72 | ((("5381523") or ("5649186") or ("5749083") or ("5860073") or ("5873073") or ("5930810") or ("5956736") or ("5963968") or ("5983227") or ("5983243") or ("5987454") or ("5999912") or ("6009410") or ("6026417") or ("6094186") or ("6108673") or ("6167382") or ("6718551") or ("6763334") or ("6684369") or ("6604088") or ("6553178") or ("6513035") or ("6385592") or ("6216112") or ("6192382") or ("6144944") or ("6799327") or ("6738155") or ("6611349") or ("6611348") or ("6589292") or ("6496857") or ("6286005") or ("5926825")).PN. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/09/07 13:17 |

| | | | | | | |
|-----|-----|---|--|----|-----|------------------|
| S12 | 7 | ((("5963968") or ("6246993") or ("6327599") or ("6332149")).PN. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/09/07 13:18 |
| S13 | 20 | ((("5974396") or ("5970471") or ("5309355") or ("5930476") or ("5979757") or ("5493491") or ("5861906") or ("5799157") or ("5227970") or ("5115501")).PN. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/09/07 16:12 |
| S15 | 5 | document same layout same linear same program\$5 | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/13 12:49 |
| S16 | 30 | transportation adj model | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/13 11:30 |
| S17 | 71 | ("4600919" "4893256" "5065345" "5119474" "5274758" "5385475" "5394548" "5420801" "5471576").PN. OR ("5515490").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/13 12:46 |
| S21 | 114 | (layout or design) same (optim\$7 or constrain\$5) same ("linear programming" or transportation or network) same (document or adverti\$7 or catalog) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/13 12:54 |
| S22 | 236 | (715/505).CCLS. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/09/13 12:55 |
| S23 | 81 | S22 and layout | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/13 12:58 |
| S24 | 66 | S22 and layout and print\$5 | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/13 13:04 |
| S28 | 58 | print same cost same profit and @rlad<"20010101" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/13 13:19 |
| S33 | 2 | cost with (expect\$5 near5 profit) same print | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/13 13:22 |
| S34 | 130 | cost with (expect\$5 near5 profit) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/13 13:32 |

| | | | | | | |
|-----|-----|---|--|----|----|------------------|
| S38 | 19 | cost with (expect\$5 near\$5 profit) same (exceed or great\$3) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/13 13:33 |
| S39 | 25 | (catalog\$5 or adverti\$7) same (layout or design or arrang\$5) same (predict\$7) same (custom\$7 or optim\$7) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/14 12:39 |
| S40 | 973 | (adverti\$7 or print\$5 or offer\$5) and (mail\$5 or postal) and (content or layout or design) same (optim\$7 or personali\$7 or custom\$7) and predict\$5 same (purchase or buy or behavior) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/14 12:51 |
| S42 | 279 | (adverti\$7 or offer\$5 or catalog\$3) and ((mail\$5 or market\$5) with direct) and (content or layout or design) same (optim\$7 or personali\$7 or custom\$7) and predict\$5 same (purchase or buy or behavior) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/14 12:58 |
| S43 | 134 | (adverti\$7 or offer\$5 or catalog\$3) and ((mail\$5 or market\$5) with direct) and (content or layout or design) same (optim\$7 or personali\$7 or custom\$7) and predict\$5 same (purchase or buy or behavior) and @rlad<"20010202" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/14 13:28 |
| S44 | 8 | (direct adj (mail or market\$3)) with (personal\$7 or optim\$7) with (design or layout) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/14 15:53 |
| S45 | 3 | (direct adj (mail or market\$3)) same (personal\$7 or optim\$7) same (design or layout) same customer same (buy or purchase or behavior) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/14 15:54 |
| S46 | 1 | (direct adj (mail or market\$3)) same (personal\$7 or optim\$7) same (design or layout) same (buy or purchase or behavior) same (predict\$7 or model\$5) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/14 15:59 |
| S47 | 11 | (catalog\$5) same (personal\$7 or optim\$7) same (design or layout) same (buy or purchase or behavior) same (predict\$7 or model\$5) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/14 16:01 |
| S48 | 10 | (advert\$7 or circular) same (personal\$7 or optim\$7) same (design or layout) same (buy or purchase or behavior) same (predict\$7 or model\$5) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/14 16:02 |

| | | | | | | |
|-----|------|--|--|----|-----|------------------|
| S49 | 17 | (linear program\$5) same network same transportation same (layout or design) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/15 08:51 |
| S50 | 0 | (network adj model) same (transportation adj model) and (document with (layout or design)) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/15 08:52 |
| S51 | 2149 | constraint and (document with (layout or design)) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/15 08:53 |
| S52 | 31 | constraint with optim\$7 same (document with (layout or design)) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/15 09:10 |
| S55 | 42 | ((("5224206") or ("5517621") or ("5943670") or ("6014678") or ("6023714") or ("6044384") or ("6134563") or ("6212528") or ("6668354") or ("20010051962") or ("20040205609") or ("20020111969") or ("6826727") or ("5669006") or ("6667750") or ("5649216") or ("20040015782") or ("20030229845") or ("5278946") or ("6081816") or ("5649216") or ("6507410"))).PN. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2005/09/15 09:58 |
| S58 | 267 | (predict\$5) with (purchas\$5 or order) same (layout or arrange\$5 or place\$5 or locat\$5) with (optim\$7 or best or maxim\$7 or great\$5) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/15 12:16 |
| S59 | 24 | (predict\$5) with (future or next or probab\$5) with (purchas\$5 or order) same (layout or arrange\$5 or place\$5 or locat\$5) with (optim\$7 or best or maxim\$7 or great\$5) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/15 12:17 |
| S60 | 18 | recommend\$5 with product with shopping adj cart | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/15 12:43 |
| S61 | 138 | (recommend\$5 or predict\$5) with product with (purchas\$3 or bought or order\$3) same (place\$5 or layout) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/15 12:47 |
| S62 | 18 | optim\$7 with product with (placement or arrangement) and catalog\$3 | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/16 13:39 |

| | | | | | | |
|-----|----|--|--|----|----|------------------|
| S63 | 15 | (optim\$7 or profit\$7) same product with (placement or arrangement) with (catalog\$3 or circular or advert\$7) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/16 14:00 |
| S64 | 20 | (automat\$5) same product with (placement or arrangement) with (catalog\$3 or circular or advert\$7) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/16 14:06 |
| S65 | 76 | (automat\$5 or optim\$7) with product with (placement or arrangement or location) same (catalog\$3 or circular or advert\$7) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2005/09/16 14:07 |